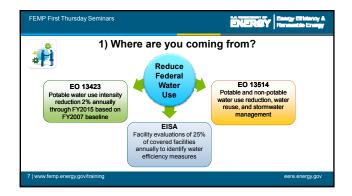
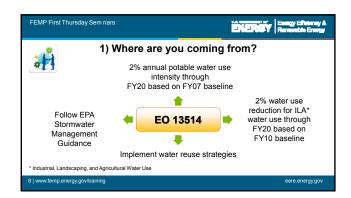
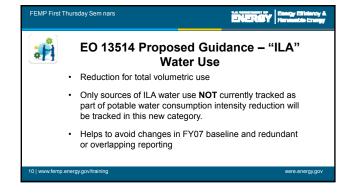


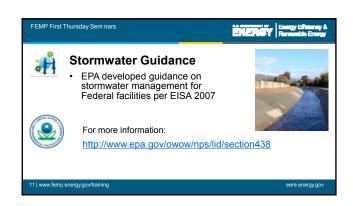
FEMP First T	hursday Sem nars	ENERGY Energy Elitersy & Revenuelle Energy
	1) Where are you comi	ing from?
# [Set the stage for your plan	
	 Form your team – include many such as operations and mainter environmental, and energy Identify goals and requirements 	nance,
	 Set your study period 	
	• Choose a unit of measure – be	consistent!
6 Lywry famo er	ergy.gov/training	gere energy any
o į www.iemp.er	ergy.goviraming	eere.energy.gov

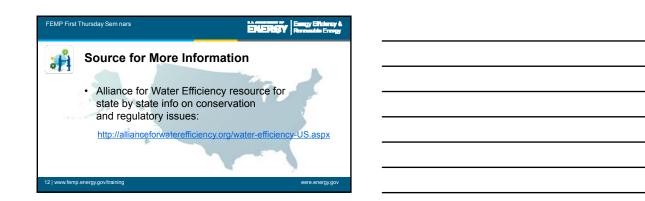


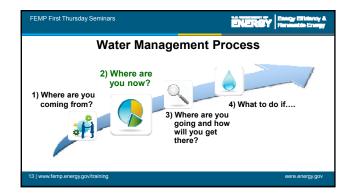


FEMP First Thursday Sem nars	ENERGY Empy Steinsy & Remarks Brogg
EO 13	8514 – "ILA" Water Use
ILA Water Use	Definition
Industrial	Aids in processes such as cooling, washing, manufacturing
Landscaping	Applied to outdoor spaces for socio-behavioral, environmental, or aesthetic benefit not satisfied by rainfall
Agricultural	Irrigation and related uses for agriculture including food, animal and livestock, and agricultural research
9 www.femp.energy.gov/training	eere.energy.gov



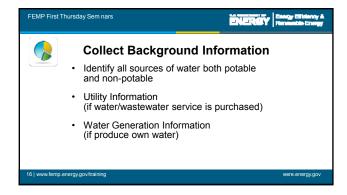


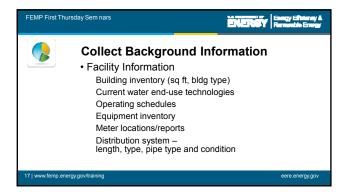


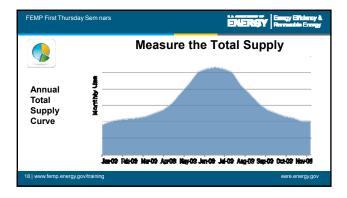


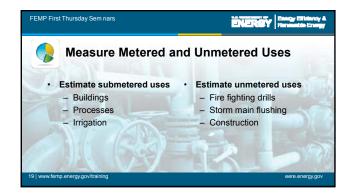




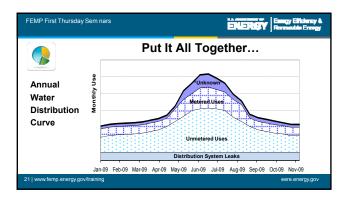


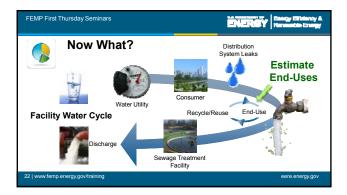


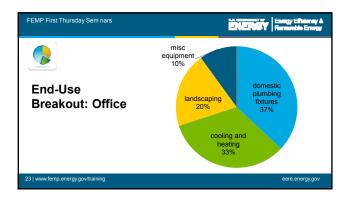


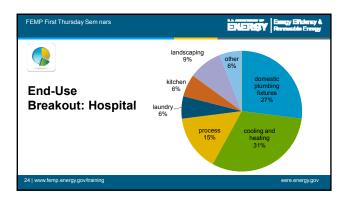


	Loss Type	Cause	of Loss
Estimate Losses	Leaks ("real") Meter Reading Errors ("paper")	poor installation aging materials incorrect backfill vibration aging meters water quality impacts	pressure fluctuations excess pressure corrosion loose or damaged parts in valves and meter boxes installation errors incorrect sizing
		extreme heat/cold	wrong type for application non-calibrated meters
	Accounting Errors ("paper")	overlapping billing cycles conversion factor errors mistakes in billing procedures	changes in buildings such as renovations where new service lines are in place but not metered

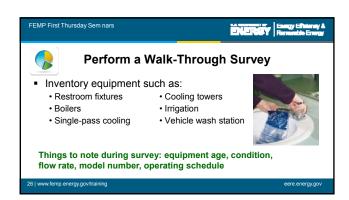




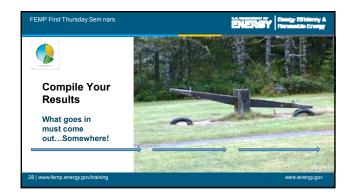


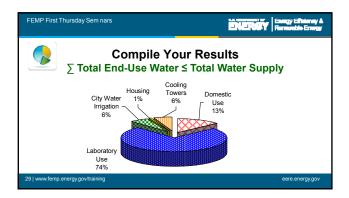


FEMP Firs	t Thursday Sem nars	ENERGY Research Broops
	Perform a Walk-Through	n Survey
•	Estimate gender split in each building big impact on water use	g – occupants have a
	List all water using equipment	
	Record hours of operation and opera	ting schedule
	Measure equipment water consumpti	on
	GOAL: Estimate water use	at end-uses
25 www.fem	p.energy.gov/training	eere.energy.gov

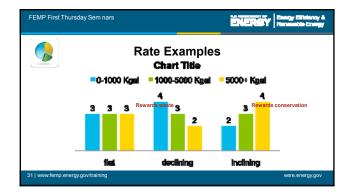


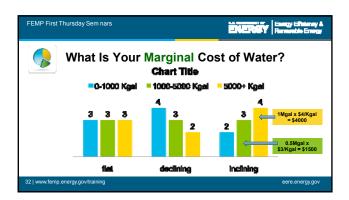




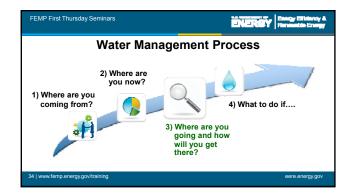


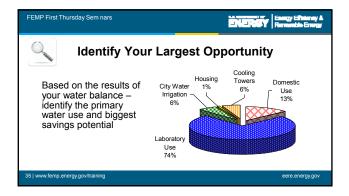
FEMP First Thursday Sem	nars	ENERGY Engy Ethinsy & Remarkle Engy
F	Jnderstand Your Wa Rate Structures Flat or uniform rate Declining block rate Inclining block rate Seasonal rate Other things to note on you Meter and service fees Billing periods Wastewater/sewer charges	our bill:
30 www.femp.energy.gov/traini	ng	eere.energy.gov



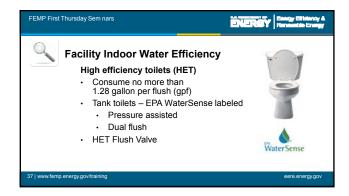


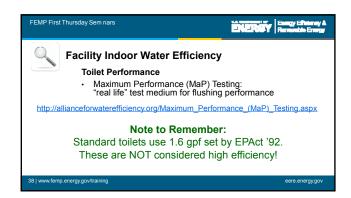
FEMP First Thurs	day Sem nars	ENERGY Remarks Energy
	Determine You Water and Wastewate	-
	Determine other associa	ted costs
	 Energy to heat water 	
	 Treatment and chemical cost 	ts
	 Operations and maintenance 	e costs
33 www.femp.energ	y.gov/training	eere.energy.gov

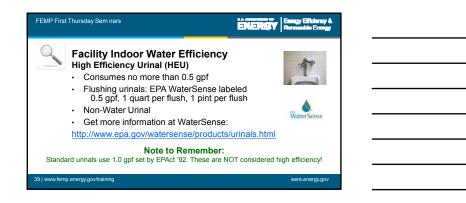


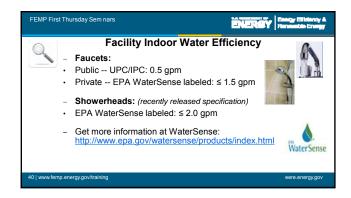


FEMP First Thursday Sem nars	ENERGY Emp Elitery & Rereseable Energy
FEMP's 14 Best Manage • Water-Efficient Landscaping • Water-Efficient Irrigation • Toilets and Urinals • Faucets and Showerheads • Boiler/Steam Systems	egement Practices Include: • Single-Pass Cooling Equipment • Distribution System Audits, Leak Detection, and Repair • Cooling Tower Management • Laboratory/Medical Equipment
36 www.femp.energy.gov/training	eere.energy.gov





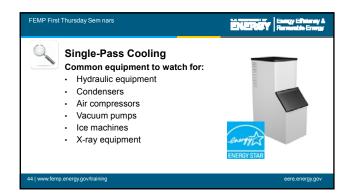




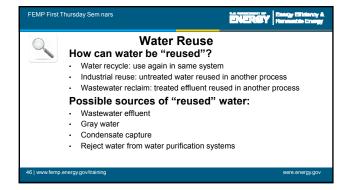




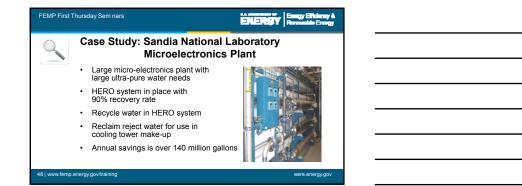


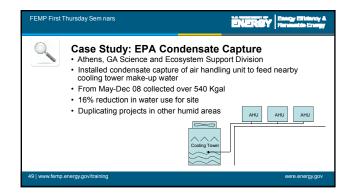


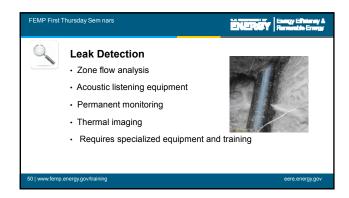


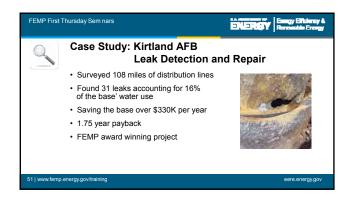


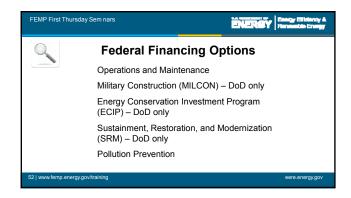


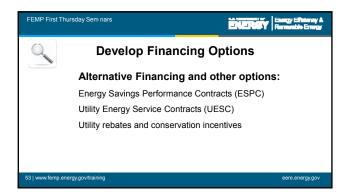


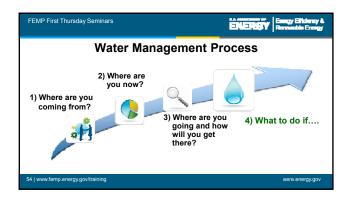


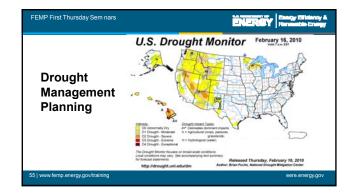


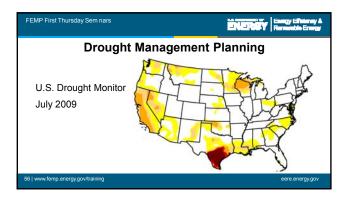




















FEMP First Thursday Sem nars	ENERGY Energy Streets & Remember Streets
Strategic Water Managem Seminar Evaluation and the Ope	nent Planning en Book Quiz
Almost done	
The link below will take you to the brief open-b	book Quiz and Evaluation.
Earn a Certificate of Completion fo	or your records!
http://apps1.eere.energy.gov/femp/tra	ining/quiz/water.cfm
61 www.femp.energy.gov/training	eere.energy.gov